

20000804.qrp v01_n903.qrl.20000804

Date: Fri, 4 Aug 2000 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1903

QRP-L Digest 1903

Topics covered in this issue include:

- 1) [76538] Re: Mini-Miser 40m Rcvr
by "Mike Branca" <w3irz@att.net>
- 2) [76539] Re: History of the Sun-Earth Link
by S LYON <sslyon@worldnet.att.net>
- 3) [76540] Reminder for the AUGUST SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 4) [76541] Re: Teaching 5 WPM Code
by "Karl F. Larsen" <k5di@zianet.com>
- 5) [76542] WTB noise blanker
by Pete Burbank <plburbank@kih.net>
- 6) [76543] List
by Pete Burbank <plburbank@kih.net>
- 7) [76544] Summer Fox Hunt #8 - N5TW -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [76545] FOX: Dan #9
by Macstein@aol.com
- 9) [76546] FOX N4ROA
by "Karl F. Larsen" <k5di@zianet.com>
- 10) [76547] K1T: National and International Lighthouse/Lightship Weekends
by K1JD@aol.com
- 11) [76548] FOX easy pickin's
by "Rod, N0RC" <n0rc@qsl.net>
- 12) [76549] FOX
by N10DL@aol.com
- 13) [76550] FOX: Good Hunt...
by "Terry Bassett" <mutabut@net66.com>
- 14) [76551] No FOX or Hounds
by N10DL@aol.com
- 15) [76552] Re: FOX
by "Richard McGaver" <mcgaver@execpc.com>
- 16) [76553] Newcomers - A Little Embarrassed
by "Maddog 'n' Miracles" <maddog@io.com>
- 17) [76554] Please 'splain Fox-Hunting
by "Maddog 'n' Miracles" <maddog@io.com>
- 18) [76555] Tonight's Fox Hunt
by "Glenn Maclean" <glennmaclean@ix.netcom.com>
- 19) [76556] FOX: Tnx Dan...You're A Persistent Fox!

by Lew Paceley <lew@paceley.com>
20) [76557] Nice Solar video clips
by "Rich Dailey, KA8OKH" <okh.npi@gte.net>
21) [76558] FOX
by "Jay Henson" <jbhenson@zebra.net>
22) [76559] Re: Please 'splain Fox-Hunting
by "Terry Bassett" <mutabut@net66.com>
23) [76560] RE: Lew McCoy
by aweiss@usd.edu (Ade Weiss W0RSP)
24) [76561] TT-2 Kit info?
by Niels Jensen Kristjansson <nkristja@cadvision.com>
25) [76562] Re: TT-2 Kit info?
by "Rod, N0RC" <n0rc@qsl.net>
26) [76563] I am stayin put!
by "Merryprankster@cwcom.net" <merryprankster@cwcom.net>
27) [76564] RE: Teaching 5 WPM Code
by Arthur Laurent <ALaurent@npr.org>
28) [76565] Electrons (-) to (+) thanks
by "Donny Sirait" <dsirait@centrin.net.id>
29) [76566] Re: I am stayin put!
by "Karl F. Larsen" <k5di@zianet.com>
30) [76567] Misc items for sale
by "Ken Simpson" <W8EK@fdt.net>
31) [76568] Re: I am stayin put!
by "Dan Hogan" <dhhogan@nav.cnchost.com>
32) [76569] Re: QRP-L
by Curt Milton <wb8yyy@yahoo.com>
33) [76570] FOX: Didn't even make into the field
by John Wagner <john@neknetwork.com>
34) [76571] North Georgia QRP club meets this Saturday Aug 5,2000 in Atlanta,
GA
by Sam Billingsley <SBillingsley@usaninc.com>
35) [76572] Re: QRP-L
by n2go@arrl.net
36) [76573] Re: Please 'splain Fox-Hunting
by "Maddog 'n' Miracles" <maddog@io.com>
37) [76574] Inverter noise?
by Brian Kassel <bkassel@dancris.com>
38) [76575] Explanation and Apology
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
39) [76576] [76492] Re: N0SS Noise Generator
by Brian Kassel <bkassel@dancris.com>
40) [76577] RE: [76492] Re: N0SS Noise Generator
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
41) [76578] Re: Inverter noise?
by "Karl F. Larsen" <k5di@zianet.com>
42) [76579] RE: Lew McCoy
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>

- 43) [76580] Ideas for Dayton Building contest
by "Craig A. Ferris" <cferris@aeronix.com>
- 44) [76581] Re: Lew McCoy
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 45) [76582] NB6M 1-Watt SMK-1 Mod
by Bill Jones <kd7s@psnw.com>
- 46) [76583] RE: Lew McCoy
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 47) [76584] I'm moving
by "Richard T. Perry" <perryrt@ikansas.com>
- 48) [76585] Fox: Booming into CO
by "Marshall Emm" <mgemm@mtechnologies.com>
- 49) [76586] FOX
by Al Scanandoah <k2zn@rochester.rr.com>
- 50) [76587] Re: CW speed and plateaus
by Andrew Madsen <andrew@utahdesign.com>
- 51) [76588] Parts help needed
by K4NK@aol.com
- 52) [76589] Re: I am stayin put!
by Jim Durkin <jimdurkin@yahoo.com>
- 53) [76590] Re: Please 'splain Fox-Hunting
by Bob Kellogg <ae4ic@nr.infi.net>
- 54) [76591] SMiTe Fox - Early Notice
by "Franco, Nicholas J" <franco@bnl.gov>
- 55) [76592] Argo 509 Xmit Pwr upgrade
by "Karl F. Larsen" <k5di@zianet.com>
- 56) [76593] Still Here
by NB6M@aol.com
- 57) [76594] Still Here
by NB6M@aol.com
- 58) [76595] Re: Explanation and Apology
by David Heintzleman <pstrdave@kdsi.net>
- 59) [76596] Re: Explanation and Apology
by Norm Melick <henmel@worldnet.att.net>
- 60) [76597] Fox
by Dan Wolfe <n4roa@mounet.com>
- 61) [76598] Re: Explanation and Apology
by Phil Wheeler <w7ox@earthlink.net>
- 62) [76599] RE: Explanation and Apology
by "Kevin Muenzler WB5RUE" <wb5rue@arrl.net>
- 63) [76600] Re: Please 'splain Fox-Hunting
by "Bob Tellefsen" <n6wg@earthlink.net>
- 64) [76601] QRP Internet Webzine
by Doug Bankston <dougbankston1@yahoo.com>
- 65) [76602] Re: Pocket ATU
by "Ed Nelson" <edxnelson@home.com>
- 66) [76603] Re: Fox Hunt 9
by "Marshall Emm" <mgemm@mtechnologies.com>

- 67) [76604] RFI: SSB Sprinting
by "Rod, NØRC" <n0rc@qsl.net>
- 68) [76605] RE: Explanation and Apology
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 69) [76606] Which travel-friendly transceiver?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 70) [76607] Re: Which travel-friendly transceiver?
by "Karl F. Larsen" <k5di@zianet.com>
- 71) [76608] Labelling Radio Chassis?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 72) [76609] Fox
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 73) [76610] FOX Alert: NØUR Sunday afternoon
by Jim NØUR <n0ur@yahoo.com>
- 74) [76611] FOX: QSO Patterns
by "Marshall Emm" <mgemm@ntechnologies.com>

Date: Thu, 3 Aug 2000 18:08:58 -0500
From: "Mike Branca" <w3irz@att.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76538] Re: Mini-Miser 40m Rcvr
Message-ID: <003a01bffd9f\$e22583c0\$8b024d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alan, it was a pretty good RX, especially for a homebrew in its time. Mine served me quite well back then and I had a few mods that were in QST H&K July 1980. However I have not seen the boards listed recently. The AF output chip is an odd ball one (MC1306P and I have a spare you can have). The crystal filter can be made quite sharp too with the proper loading. For this I used a 390 pf cap across RFC 1 for a few hundred cycle BW.

Good luck, Mike W3IRZ in Conyers Georgia

----- Original Message -----
From: <ARDUJENSKI@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, August 03, 2000 12:32 PM
Subject: Mini-Miser 40m Rcvr

> Thumbing thru old articles I came across the the Mini-Misers Dream Rcvr by

> Doug DeMaw (QST Sept 76). It covers 7-7.175. It appears to be a nice unit
for
> use with various HB xmters available. Has any one experience with
> building/use of this receiver??? Alan KB7MBI
>

Date: Thu, 03 Aug 2000 19:37:52 -0400
From: S LYON <sslyon@worldnet.att.net>
To: na5n@rt66.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76539] Re: History of the Sun-Earth Link
Message-ID: <398A0250.3A2A1B8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great History and insight, Paul, sincere thanks. I'll share this with
our local club.

72
-s-

"Paul Harden, NA5N" wrote:

>
> Gang,
> I prepared a short paper on the history on the link between solar
> storms and geomagnetic storms at work, and thought I would pass an
> abbreviated version of it on to the list for those so interested.
>
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 03 Aug 2000 17:07:29 -0700
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [76540] Reminder for the AUGUST SPARTAN SPRINT
Message-ID: <B5AEF536.440A%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The August Spartan Sprint will be held on Monday, August 7 (our standard date, the first Monday of the month). Don't miss the fascinating event!

For the Spartan Sprint rules, and tons of other interesting material, cruise on over to The ARS Sojourner. <http://www.natworld.com/ars>

Russ Carpenter, AA7QU
Contest Manager for The Adventure Radio Society

Date: Thu, 3 Aug 2000 18:25:20 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Roger Hightower <n7kt@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76541] Re: Teaching 5 WPM Code
Message-ID: <Pine.LNX.4.10.10008031819570.1525-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Your right Roger. The rule is that the VE cannot allow a person to just write the dots and dashes, which is very possible at 5 WPM, and then convert them to the text. We allow 30 seconds to make any corrections and then pass in their paper. We check for 1 minute of solid copy and then give the paper back for the 10 questions quiz. If there is a lot of dots and dashes on the paper we tell the person he/she didn't pass because they did what we told them just before the test was not allowed.

So far no problems.

On Thu, 3 Aug 2000, Roger Hightower wrote:

> I believe the ARRL VE manual specifically proscribes the dot-dash method
> of copying code. Candidates who do that, and then transcribe, are not
> to be passed.
> --
> 72.....Roger
>
> Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14
>
> Lord, please let me be the kind of person my dog thinks I am.
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 03 Aug 2000 20:36:53 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@lehigh.EDU>
Subject: [76542] WTB noise blanker
Message-ID: <3.0.32.20000803203650.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gangue,
Rowdy Taliaferro who runs Rowdey's Net in the Pacific needs a noise
cancellation device due to high local QRN. Power line crap with
zero service from the utility.
Anybody have a JPS (or similar) unit for sale ?
73 to All and gl doing whatever tonite...notice the clever compu-
filter avoidance? HI!
73 to ALL...even the grinchies and list police
Pete NV4V

Date: Thu, 03 Aug 2000 20:51:32 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@lehigh.EDU>
Subject: [76543] List
Message-ID: <3.0.32.20000803205128.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good Grief!!!
Let the list run
In the verds of Henry Kissinger "Ve must try to remain calm"
'Nuf said Pete NV4V KY
Home of Henry Clay and Abe Lincoln's mother.

Date: Thu, 3 Aug 2000 18:48:32 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [76544] Summer Fox Hunt #8 - N5TW -
Message-ID: <Pine.LNX.3.95.1000803184307.28120A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...BOY just look at the "SWAMP RATS" and the "BIG DAWGS!!"

- TEAM COMPETITION -

(1) - SWAMP RATS: Pts=36 "Clean Sweep"

- K0EVZ - Doc <-
- NV4V - Pete <-
- AF4PS - Mac <-
- AJ4Y - Paul <-
- N1TP - Tom <-

(2) - QRP CHEESEHEADS: Pts=6

- N9AW - Jerry <-
- NK9G - Rick
- AE9K - Brian
- WA9TZE- Jim

(3) - RAIDERS OF THE LOST RF: Pts=14

- NA6E - Mary <- yeah Mary!
- VE3FAL - Fred
- VA6RF - Earl <-
- VE5RC - Bruce <-
- VE6JAZ - Robert

(4) - THE FLYING PIGS: Pts=17

- KB9BVN - Brian
- N8IE - Dan <-
- W8DIZ - Diz <-
- WB6JBM - Rick <-
- AC7CF - Andrew <-

(5) - GANDALF the GREY:

- G0JJQ - Wayne

(6) - BIG DAWGS: Pts=37 "Clean Sweep"

- N1FN - Marshall <-
- N5TW - Tom <-
- WJ1R - Larry <-
- NW7DX - Ben <-
- N6WG - Bob <-

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 3 Aug 2000 21:09:16 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [76545] FOX: Dan #9
Message-ID: <e8.80fd6fa.26bb71bc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

WOW! My first as a first! Then three more Rats followed me in a row! Thanks
Dan!

One more Rat, then I'm rooting for the PIGS! (Sorry DAWGS -- grin)

72 es "oo"
-MAC-
AF4PS
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L # 704, FISTS #5096, CC #754, NorCal #1998, Zombie #510, ARCI #9843,
AR QRP #257, HI QRP #83, Whiners #5, SOC #28, West FL QRP, ARS #751
Flying Pig QRP #-51 and various other annual \$15 commitments.

Date: Thu, 3 Aug 2000 20:06:05 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [76546] FOX N4ROA
Message-ID: <Pine.LNX.4.10.10008032002160.1582-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan in Virginia N4ROA is doing a dandy job as the FOX tonight. He is about 14.056 and peak signal in NM was 599+40 db on my Argonaut 509. I am listening to him now at 0200 and he is still above 599 here in Las Cruces, NM. He is moving around to beat QRM.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 3 Aug 2000 22:07:01 EDT
From: K1JD@aol.com
To: elecrafft@qth.net, qrp-1@lehigh.edu
Cc: kt5x@cnsf.com, jcsd@rica.net, bweiman@wwfpaper.com,
don.widener@eudoramail.com, cgreene7@juno.com, tbry37@ici.net, UCCINC@aol.com,
z1lmh@extra.co.nz,
AG1L@aol.com, K1LKP@mediaone.net, dickb@akorn.net, rakefet@rakefet.com,
kewagner@ids.net, jhenders@swlink.net
Subject: [76547] K1T: National and International Lighthouse/Lightship Weekends
Message-ID: <f.787e837.26bb7f45@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

We'll be using the call K1T over the weekends of 5-6 August (National) and 19-20 August (International). Over the international weekend, hundreds of lighthouses are active worldwide. Unfortunately, last year's international weekend coincided with a solar storm resulting in terrible propagation. This year will hopefully be better than last year (... i.e., yield better results than operating into a dummy load).

Location will be Beavertail Lighthouse, about 4 mi south of here at the southernmost tip of the island. We are sheltered in Narragansett Bay, but open ocean is to the South. The winds can be fierce and the temperature can be 10+ degrees cooler than at my house during the summer!

Rigs will be Elecraft K2 "K1T's". Antennas will include an inverted V supported by a KANGA SQ 33' mast and an Outbacker Outreach (12').

Info on Lighthouse/Lightship activities at the following site:

<http://www.waterw.com/~weidner/lh-ham.htm>

A picture of the lighthouse is on the Jamestown homepage, which also includes a map link (under the 3 pictures):

<http://www.jamestownri.com/>

Will be on the lower end of the CW band and on the QRP frequencies. May even work some SSB if I can find the mic (it must be here somewhere). A custom QSL using WB8RCR's excellent program is already prepared.

73,
John K1JD
Jamestown, RI IOTA NA031
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & #583 (& #917 & #948)

Date: Thu, 3 Aug 2000 20:19:07 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [76548] FOX easy pickin's
Message-ID: <20000803201907.A97975@io.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, the mighty hound-mobile bags another fox.

Dan's sig was up and down and moving around 0145z - 0159z, here in Fort Collins, CO. But no match for my K2/PW-1/Volkswagen parking lot set-up. At 0159 with mutual 559 sigs he was obliged to surrender another piece-o-pelt.

Thanks Dan, pleasure doin' bizness, as always. ;-)

72/3 Rod, N0RC --LONE HOUND NO CLUB--

Date: Thu, 3 Aug 2000 22:22:15 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [76549] FOX
Message-ID: <20.99cb071.26bb82d7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Nothing here in New Hampshire at 0219Z. will listen for a bit longer. then, need to get to bed for early day tomorrow. The wall must be up again. had VERY strong thunderstorm go through NH about 45 minutes ago, which did not

help much.
Aron
N10DL
Bedford, NH

Date: Thu, 3 Aug 2000 21:21:27 -0500
From: "Terry Bassett" <mutabut@net66.com>
To: <Qrp-1@Lehigh.EDU>
Subject: [76550] FOX: Good Hunt...
Message-ID: <001301bffdab20e76e0\$0101a8c0@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

 Last Sunday the Fox popped up right under my feet and I bagged him right away. Tonight it was a hunt requiring patience. I heard the pack of hounds from the start but the Fox wasn't in sight. My daddy taught me never to shoot into the bushes, so I waited. I used my RIT each time the baying of the hounds trailed off. I kept switching between the GAP Titan and the Loop to see if that helped. When I finally heard the Fox at 0145 he was quite loud on either antenna. At about 0156 he heard me and passed out the pelt. A fun hunt all the way. Thanks for the effort Dan. The hounds all seemed well behaved, too.

72

Terry, KA9TXE East Central Illinois

Date: Thu, 3 Aug 2000 22:41:20 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu

Subject: [76551] No FOX or Hounds
Message-ID: <f5.1816973.26bb8750@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Don't even hear the Hounds here in NH tonight. Just had a short QSO with
AF4PS Mac, so I know I am getting out. he was 599.

Oh Well...Next time.....

Evening All

Aron

N10DL (FOXless in NH)

Date: Fri, 4 Aug 2000 15:15:11 -0500
From: "Richard McGaver" <mcgaver@execpc.com>
To: <N10DL@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76552] Re: FOX
Message-ID: <002c01bffe50\$b4325720\$c886cfa9@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

cant hear fox here! usually N4ROA is blowing our doors off 599 +++
02.40Z NK9G S.E. WISC.

-----Original Message-----

From: N10DL@aol.com <N10DL@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, August 03, 2000 9:23 PM
Subject: FOX

>Nothing here in New Hampshire at 0219Z. will listen for a bit longer. then,
>need to get to bed for early day tomorrow. The wall must be up again. had
>VERY strong thunderstorm go through NH about 45 minutes ago, which did not
>help much.

>Aron

>N10DL

>Bedford, NH

>

Date: Thu, 03 Aug 2000 21:56:03 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-l@Lehigh.edu
Subject: [76553] Newcomers - A Little Embarrassed
Message-ID: <4.3.2.7.1.20000803215533.00c59850@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Last weekend while making a presentation to about 40+ QRPers and wanna-be QRPers at Austin Summerfest, I bragged on this mail list, that it is a wonderful resource for newcomers to gain from the wisdom of experienced QRPers. I told them where to subscribe, and encouraged them to do so. Now, I'm a little embarrassed. It's kind of like inviting your friends at work to your family picnic, only to discover that two of your uncles are fighting drunk, your grandma is dancing on the picnic table, and all of the family is whispering among themselves.

Our QRP family has characters. OK. We're family. We press on. This list is still a great resource; try it out. Ask a question about QRP operating, or what's the easiest QRP kit, or what's a good QRP accessory circuit for homebrewing, or what's the best frequency for QRP ragchewing on SSB, or (QRP)??? I know you'll get answers, and feel welcome, too.

OK, so I'll start off... (see my next message "Please 'splain Fox Hunting")

73(-1),
monty N5FC

```
*****                                     \/  
* Monty Northrup (N5FC) * "There is no way to peace: * \      (**)   
* Carolyn Blankenship *   peace IS the way."      * /^^^^^^) ~   
* maddog@io.com        * http://www.io.com/~maddog/ * /^^/^^/^^/ \   
*****
```

Date: Thu, 03 Aug 2000 21:56:42 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-l@Lehigh.edu
Subject: [76554] Please 'splain Fox-Hunting
Message-ID: <4.3.2.7.1.20000803215623.00c54360@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang!

I'm not a newcomer to QRP (been 25 watts or less since I started in '67), but some of the lesser known short-term contests puzzle me. For example, fox-hunting on QRP is not like transmitter-hunting on VHF. Everybody on this list seems to know what it's all about, save one. So I'll gut up, swallow my pride, and ask... somebody 'splain in laymen's language how QRP fox-hunting works? And what makes it so much fun?

72,
monty N5FC

```
*****
* Monty Northrup (N5FC) * "There is no way to peace: * \ (**)
* Carolyn Blankenship * peace IS the way." * /^^^^^^) ~
* maddog@io.com * http://www.io.com/~maddog/ * /^^/^^/^^/
*****
```

Date: Thu, 3 Aug 2000 19:50:14 -0700
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [76555] Tonight's Fox Hunt
Message-ID: <003401bffdbe\$b79879e0\$2088fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I heard Dan and the hounds here in Sacramento, CA. Set the K2 up on split VFO mode. Tuned the fox in on VFO A. Then I tuned VFO B to the hounds Dan was working. Set the K2 to split mode listing on A firing on B. Started firing shots by sending out my call only once like Marshall reminded everyone in a post a few days ago. I did know that was what we were suppose to do before your post Marshall, forgive my ignorance. I was guilty of sending my call more than once prior to your post. This is my first season so I am just a pup I suppose. It took a little time. I was patiently listing to Dan working the hounds. Then after sending my call only one time Dan answered back and I got a pelt. Thanks for the great hunt tonight Dan you were nice and strong here.

Glenn Maclean WA7SPY

Date: Thu, 03 Aug 2000 21:49:46 -0500

From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76556] FOX: Tnx Dan...You're A Persistent Fox!
Message-ID: <017901bffdbe\$a6634380\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

It's 0250Z and Dan's still plugging away...the QSOs are coming few and far between but he's tireless on the keyer. Tonight was the largest pileup of hounds I've heard yet...the chirp of a thousand crickets. Took awhile to break through even while tailending. Heard Dan work AF4PS, N1FN, K0EVZ, N1TP, N6WG...it was raining rats and dawgs. Doc's bazooka must be a double barrel - he was really loud in Dallas tonight. Heard my neighbor, W5YR being worked but couldn't hear him groundwave (20+ mi). Thought I also heard K7QO (#1) in there as well. All in all, a great big pileup and loads and loads of fun for us hounds. Thanks Dan - great job!

72/73,
Lew
N5ZE

Date: Fri, 04 Aug 2000 03:05:35 -0400
From: "Rich Dailey, KA8OKH" <okh.npi@gte.net>
To: qrp-l@lehigh.edu
Subject: [76557] Nice Solar video clips
Message-ID: <3.0.16.20000804030525.2a9fe130@mail.gte.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For those with access to NASA TV, today they have been showing some very interesting solar clips during their daily video file. SOHO clips of full halo CME's, animations of the effects of the solar wind on the magnetosphere, and more. Real Paul Harden stuff. Anyway, thought there would be some interest amongst those on the list. 2 months behind on reading the digests, so excuse me if this has been mentioned somewhere at sometime.

Amazing, isn't it.... that during this solar peak, through the magic of satellite images and the internet, we can at any time look at near real-time images of the active sun at several wavelengths, and see the "big picture", as far as propagation is concerned. Sure wasn't like this 22 years ago... or 11, for that matter.

Well I'm amazed, anyway.

tu de Rich, KA8OKH

Also- the NTV Education File is showing a great video describing orbital mechanics.

Rich Dailey, KA8OKH <okh.npi@gte.net>
The KB4NPI/KA8OKH Web <<http://home1.gte.net/web22jfw/index.htm>>
This is a self-referential sentence.

Date: Thu, 3 Aug 2000 22:19:19 -0500
From: "Jay Henson" <jbhenson@zebra.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [76558] FOX
Message-ID: <000901bffdc2\$c80de5e0\$79450cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello to all,

I missed the first 45 minutes of the hunt tonight so I can't say how the condx were then. During the last hour or so, Dan's signal was S5 into lower AL. Hounds were slim though so I assume that everyone got him early.

Thanks for the fox tail Dan and the chat afterwards.

73 to all.
Jay
AJ4AY Mobile, AL
QRP-L #1372 ARCI #8131 SOC#220

Date: Thu, 3 Aug 2000 22:33:35 -0500
From: "Terry Bassett" <mutabut@net66.com>
To: <maddog@io.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76559] Re: Please 'splain Fox-Hunting
Message-ID: <001e01bffdc4\$c6f7a900\$4447fa3f@pavilion>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Monty and the group in general,

I suppose the way to explain Fox hunting Qrp-L style is to say that it is a good excuse to get on the air and make a 2-way qrp to qrp contact. At the same you get to hear qrp signals from all across the US es Canada. This listening exercise tells you a lot about your antenna situation and also reinforces the fact that qrp signals propagate quite well. Plus there is a lot of satisfaction in knowing that most of the signals are generated by radios that have been built by the person operating them.

As to how the Fox hunts are setup and organized, I'll leave that to others on the list. But the url (with rules and schedule) for the Summer Fox hunts on 20 Meters is www.cqc.org/sfox . Coming this Fall is the annual start of the winter Fox hunts, these will be on 40 Meters. I am not sure how long the Fox hunts have been going on, but I do know that if you get involved, you will fine tune your technique such that when you are in another contest you will be well set to work your way around, through or under the pileups.

72,

Terry KA9TXE East Central Illinois

Date: Fri, 04 Aug 2000 07:45:30 GMT
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [76560] RE: Lew McCoy
Message-ID: <200008040544.AAA08649@sunburst.usd.edu>

I'm very sorry to hear that Lew is a silent key. As Ed Hare's posting made clear, McCoy's work cast a shadow over a half a century of homebrewing. Newcomers will have difficulty imagining what an impact he had on enormous numbers of hams. He was great on anything related to antennas. Check out your antenna tuner circuit and Lew's transmatch design is probably inside in one variation or another. He was a friendly, non-egotistic, "will listen to anybody" type of guy.

He was always ready to offer suggestions and information without letting the other guy know how stupid the question was in the first place. Great sense of humor.

Doug DeMaw ... Lew McCoy ... the giants are falling... sad..

72, Ade

Date: Fri, 4 Aug 2000 00:18:33 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-1@Lehigh.EDU
Subject: [76561] TT-2 Kit info?
Message-ID: <1.5.4.16.20000804000914.1a9fa46c@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Steve VE7SL is having way to much fun with his 300 mW
so I am wondering who had the Tuna Tin 2 kit for sale
and how much they are?

73 de Niels
VE6NJK/TF3NJ

Calgary, AB
CANADA

Date: Fri, 4 Aug 2000 00:51:10 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: Niels Jensen Kristjansson <nkristja@cadvision.com>
Cc: qrp-1@Lehigh.EDU
Subject: [76562] Re: TT-2 Kit info?

Snail mail. PO Box 109. Stockport.

North West. England

SK3 8FA

Date: Fri, 4 Aug 2000 04:07:11 -0400
From: Arthur Laurent <ALaurent@npr.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: Arthur Laurent <ALaurent@npr.org>
Subject: [76564] RE: Teaching 5 WPM Code
Message-ID: <64ACCD0E0722D411AB6000400B40CE213D11D4@npr-01-msg.npr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Scott Hotchkiss writes,

<...I personally have sat in on a VE 5wpm test and wrote the dots-dashes on the paper. A full 5 minutes of 5 wpm dots and dashes...

The local (northern VA, Alexandria area) testing club's VEs don't allow that at their session. They say "copying dots and dashes is not copying CW."

Art

Date: Fri, 4 Aug 2000 16:41:48 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [76565] Electrons (-) to (+) thanks
Message-ID: <000201bffdffd\$09c19ce0\$c3ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear folks,
Many thanks for all answers.
Another varactor question and the way of the electornes.
It is always great to learn from you guys n gals
I even learn some history too.

I think it now time to oscilate the electrons and put
some signals to the air

Mni tn timer gl.

vy 72 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Fri, 4 Aug 2000 06:59:42 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Merryprankster@cwcom.net" <merryprankster@cwcom.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76566] Re: I am stayin put!
Message-ID: <Pine.LNX.4.10.10008040657190.769-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is your call really M5B0B? And I'm staying put too. According to
my log book M belongs to England....must be a typo.

On Fri, 4 Aug 2000, Merryprankster@cwcom.net wrote:

> Well I am staying on the list!
> (Unless I get kicked of For this non topic post) Purely selfish, reasons.
> I have only been licensed a few months, and need all the help I can get!
>
> Evan if the,,,, Top Brass ? Are leaving.
> Us Privates ? Will have to try to carry on the job, and as we learn more
> through our endeavours, we too can begin to share our projects and
> knowledge!
>
>
>
> And the signature. Good bye, from Bob.
>
> The call sign. M5B0B
> *****
> locator Square IO/83/VJ
> *****
> Snail mail. PO Box 109. Stockport.
> *****
> North West. England

> *****
> SK3 8FA
> *****
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 4 Aug 2000 09:02:12 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [76567] Misc items for sale
Message-ID: <016e01bffe14\$3546d9e0\$ec16fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I dug through things a bit deeper, and have the following For Sale:

MFJ 407B "Deluxe Electronic Keyer". It has adjustments for speed, weight, tone, and volume all on the front panel. It also has a "tune" position for tuning up the rig, and will operate from an internal 9 V battery, or from a plug in wall type power supply. It will key either grid block (negative) or positive for the solid state rigs. This one is in great shape, and works fine. \$ 55

MFJ 101 digital clock. 24 hour, with nice blue digits. Great shape. \$ 20

Low Pass filter (for the transmitter) For Sale:
B & W TVI filter, model 425 (also known as FL-10 / 1500). Translated, this means that it cuts off just above 10 meters, and will handle 1500 Watts. SO-239 connectors on each end. Good shape. \$ 30

TenTec Model 1125 DC circuit breaker for protection when operating from 13 V DC. These are the "fast acting" breakers, and

are made for use with the Argosy. Made to
carry 9 amps. \$18

TenTec Model 1170 DC breaker, as above
but for Century 21 or 22. \$ 18

TenTec Hand mic with 4 pin connector \$ 30

Kenwood BC-6 fast desk charger. Charges PB-21
and PB-21 H battery packs, as used on the Kenwood
TH-21 / 31 / 41 series of HTs. Holds two batteries,
charging one and then the other. Takes about an hour
to charge. It can also be used to power the radio
for base station use. With manual for \$ 70.

Kenwood SMC-30 speaker mic for use with TH-21 /
31 / 41 series of HTs and other Kenwood HTs.
Good shape for \$25.

KLM PA-2-12 B, for 2 meter FM only,
2 watts from your HT will give you about
12 Watts out. Very rugged, often used in
repeaters, SO-239 connectors on both
input and output, \$ 50

Kenwood SC-15 soft case.
(I think it is for the TH-78, but do not
remember for sure.) New, still sealed in the
package, never opened. \$ 15

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Fri, 4 Aug 2000 06:37:49 -0700
From: "Dan Hogan" <dhhogan@nav.cnchost.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76568] Re: I am stayin put!
Message-ID: <398A64BD.12735.23D767@localhost>

I'm staying put also, and going to try to participate more, but my kill file slows things up a bit ;^)

Dan Hogan WA6PBY
dhhogan@nav.cnchost.com
QRParci #3847, QRP-L #558

Date: Fri, 4 Aug 2000 06:33:40 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76569] Re: QRP-L
Message-ID: <20000804133340.15272.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have to be dismayed at the short-fuses I have seen displayed for the fairwell messages. To those of us still here, let's exercise patience. Somebody has to be in charge of the list - and we need to respect that. It's unreasonable to expect we will always be in agreement with the man/lady in charge. We all have different temperments and different points of view. Let's always give the list-holder some room to do his/her job whether we agree or not - and work to make whatever we post meaningful and positive in the long run. Lest I violate this axiom - i had better sign off now!

Please don't post responses to this message on the list - let's get on with real QRP-L things as I look forward to reading these messages!

Curt WB8YYY

Do You Yahoo!?
Kick off your party with Yahoo! Invites.

<http://invites.yahoo.com/>

Date: Fri, 04 Aug 2000 09:38:20 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76570] FOX: Didn't even make into the field
Message-ID: <398AC74C.55C15382@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello fellow fox hunters!

Missed the last two fox hunts due to travel, so I was looking forward to romping through the woods last night and bagging a pelt. Wasn't meant to be though, the sky opened up about 2000 EST and put on a nice light show for a good couple of hours. Didn't dare plug in the rig as we've been hit here twice. Probably could of given it a shot the last half hour, but could still hear things bangin' around up in the sky and decided not to risk it.

The weather report is looking good for Sunday, so I hope to get out and take a few shots then!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Fri, 4 Aug 2000 09:40:41 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "klqrp_submit (E-mail)" <klqrp@waterw.com>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [76571] North Georgia QRP club meets this Saturday Aug 5,2000 in Atlanta, GA
Message-ID: <058CBAE0931FD411B70E00805FCD5D4224832F@MAILSERVER2>
MIME-Version: 1.0
Content-Type: text/plain

It's time again for the North Georgia (NOGA) QRP meeting at RadioShack.com Buford Hwy at I-285 (NE Atlanta) from 10AM to ~2PM on Aug 5, 2000. This

particular RadioShack.com store in Atlanta is one of the three new megastores (in the US) complete with many in stock parts, building items and shack accessories that you will not find in one of the standard RS neighborhood stores. NOGA uses the training room for our meetings and it's location in the metro Atlanta area is very convenient for most of our members. We do have members driving up to 150 miles to attend so there must be something worth the trip.

This get together is open to all interested amateur radio enthusiasts and we gather to have fun and discuss the QRP aspects of the hobby. No rules, no, officers, no dues, no fixed agenda just great discussion and show and tell. Typically we have about 20-25 attendees with a ton of interesting stuff is show and discuss.

Included in this month's meeting will be discussions on the NOGAwatt (an NOGA club SWR/Power Kit), the NOGPIG (another club kit), the group build of the Rich Littlefield 6 meter AM xcvr (w/MODs discussion) (PCB from FAR Circuits), the recent ARS BumbleBee Contest and the latest kits and HB items built by members.

If you visiting in the Atlanta, GA area this weekend please try to stop by and chat. Take a peek at our NOGA web page for more information and interesting stories and pictures.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Fri, 4 Aug 2000 10:03:14 -0400 (EDT)
From: n2go@arrl.net
To: Curt Milton <wb8yyy@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76572] Re: QRP-L
Message-ID: <Pine.LNX.4.20.0008040953020.299-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a recurrent theme on qrp-L. Someone will make an announcement that they are leaving due to the terrible conditions ..It came up when the list

The list is at 3000 and growing. The gloom and doom reports of the list disappearing never materialized. The same rules apply. If you don't like a thread; start a new one. Your new post will be so interesting that the other posts will be overshadowed :) It will be much more effective than complaining about a thread that you don't like.

Jim n2go

Wow! What a response to my query about fox-hunting. The URL was useful, but your personal comments are what really got me excited. I especially like that the operating is in small 2-hour segments, and yet stretches out over a whole season. Cool!

72,
monty N5FC

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*****\
* Monty Northrup (N5FC) * "There is no way to peace: * \ (**)
* Carolyn Blankenship * peace IS the way." * /^^^^^^) ~
* maddog@io.com * http://www.io.com/~maddog/ * /^^/^^/^^\
*****

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Date: Fri, 04 Aug 2000 07:49:51 -0700
From: Brian Kassel <bkassel@dancris.com>
To: w1rfr@arrl.org, QRP-L <QRP-L@lehigh.edu>
Subject: [76574] Inverter noise?

Message-ID: <398AD80F.460BEF99@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed and Gangue:

I have found that almost all of the units that I have tested over the years generate objectionable noise. The one star performer is the RS 140 watt unit. It is the cleanest unit that I have found. The RS part number is: 22-132b. No exhaustive tests were performed, just normal field operation, with the antenna about 15 feet from the power source.

Brian K7RE
AZ ScQRPions

Date: Fri, 4 Aug 2000 09:55:32 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [76575] Explanation and Apology
Message-ID: <04b801bffe24\$299a0260\$0200000a@mcg.net>

Gang,

Now that the dust has settled, I'd like to take a moment to explain. I'm a human being, I reacted too quickly to the "Worm". In the past such postings have exploded into large OT threads and flame wars and I feared that was going to happen. I should have waited a bit, and by not doing so contributed to the problem I'd hoped to prevent, lesson learned. Still, had the individuals that immediately jumped on this in public sent me private email first, as I have requested in the past, and given me the benefit of the doubt this would not have happened. They too share the blame here. They would have also learned that I sent private email to the poster letting him know that he couldn't get a virus from the list. Apparently there are many more on the list that do not know this. I had thought it common knowledge as it's been mentioned on QRP-L many times before.

The list software will not accept any messages with attachments or message formats other than plain text. This prevents any possible email virus from spreading via the list. Also, you can not be infected by an email virus unless you or your email program performs an action on an email, such as opening an attachment. You should check the settings of your email program as some programs will perform these actions automatically and by default.

Posting of virus warning messages on QRP-L is off topic. If you are depending on this list for your virus alerts you are doing yourself a large disservice.

The chances of the alert being more timely and accurate here would be very slim. Below is a link to a free email virus alert service:

http://www.cert.org/contact_cert/certmaillist.html

There are also newsgroups and email lists specific to this subject. A quick search at your favorite search engine will find many resources. Make sure your virus scanning software has the latest updates and be aware that your virus software can't protect you from new virus releases. The best protection is to simply not open any attachments unless you are sure they are safe AND you've scanned them first.

As I've said before, I'm happy to discuss QRP-L Policy in private email. I'm open to suggestions, comments and ideas as long as they are polite and civil. The "Posting Guidelines/Rules FAQ" is not set in stone, it is a work in progress. However, the discussion of policy on the list is off topic. There are simply too many different opinions floated in too many messages to be productive on this list of 3000+ members. The debate that would occur would overpower the list. Past debates have proven this. Currently I've heard opinions that range from "we should let the list be completely free with no rules", to "the list should be fully moderated with all messages approved before posting". Clearly the common ground must be in the middle somewhere and that's what I'm trying and willing to find.

As with all of life not everyone is going to be happy with how the list is run. It's simply not possible. Members need to realize this and understand this. They also need to follow the rules and when a problem erupts abide by the Manager's postings. If in your opinion the Manager is in the wrong, email him privately. It's just as possible that you may have misinterpreted the Manager's meaning. Email is like that.

Still, under no circumstances is it permitted to abuse or be insulting to anyone on the list or the Manager(s) of this list. This includes private email to members based on a post they make to QRP-L. More than once private messages have been sent calling someone dumb or worse for something they said or asked on QRP-L. This is not right, very rude and not acceptable. If you have a complaint about a posting or receive such private mail, email me privately.

Most of the messages I usually get are questions on how to postpone, change ISP etc. All questions about how to use the commands of the listserver should be directed to me and not the list. All commands are sent to listserv@lehigh.edu not the list. Paul Valko has placed on his website a fine list of the QRP-L commands and explanations. They are located here:

<http://www.acs.oakland.edu/~prvalko/qrpplc.htm>

As soon as we get the web pages up the above explanations and other

information will be placed there for reference. Currently we are waiting on Jim to get some details on the server worked out. He is very busy, but hopes to have it done soon.

All I can say for myself is I apologize for not handling this better, lets just say I got out of the wrong side of the bed the other day. It happens to all of us once in while. To those few that have emailed me privately and haven't yet received a reply, please accept this as your reply and thank you for you opinions and advise.

Again, all comments about this message should be sent to manager@qrp.lehigh.edu and not the list.

Thanks you and 73 de Cla KA0GKC Manager QRP-L

Date: Fri, 04 Aug 2000 08:01:05 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [76576] [76492] Re: NOSS Noise Generator
Message-ID: <398ADAB1.655FC030@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

One more comment on the Noise Generator kit being sold by the AZ ScQRPions, of which I am a member. The \$10 cost includes a huge document package. It is a great tutorial on setting up filters on ANY rig, not just the K-2. Using Tom Hammond's technique to examine or set up the filters can yield a huge performance gain in some cases. Also please realize that this technique works for audio filters as well. Ever wonder why a friends radio, identical to yours, sounds "different"? The noise generator technique can readily show you why. When is the last time that you picked up any technical paper and paid \$10.00, with a kit thrown in? A picture really IS worth a thousand words ;)

Brian K7RE
AZ ScQRPions

Date: Fri, 4 Aug 2000 10:58:51 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76577] RE: [76492] Re: N0SS Noise Generator
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C274@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I ordered two of them for the ARRL Lab. :-)

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

> -----Original Message-----

> From: Brian Kassel [mailto:bkassel@dancris.com]

> Sent: Friday, August 04, 2000 11:01 AM

> To: Low Power Amateur Radio Discussion

> Subject: [76492] Re: N0SS Noise Generator

>

>

> Gangué:

>

> One more comment on the Noise Generator kit being sold by the AZ
> ScQRPions, of which I am a member. The \$10 cost includes a huge
> document package. It is a great tutorial on setting up filters on ANY
> rig, not just the K-2. Using Tom Hammond's technique to
> examine or set
> up the filters can yield a huge performance gain in some cases. Also
> please realize that this technique works for audio filters as well.
> Ever wonder why a friend's radio, identical to yours, sounds
> "different"?
> The noise generator technique can readily show you why. When
> is the last
> time that you picked up any technical paper and paid \$10.00,
> with a kit
> thrown in? A picture really IS worth a thousand words ;)

>

> Brian K7RE

> AZ ScQRPions

>

Date: Fri, 4 Aug 2000 09:11:34 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Brian Kassel <bkassel@dancris.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76578] Re: Inverter noise?
Message-ID: <Pine.LNX.4.10.10008040908100.925-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brian, I have that inverter and it does odd things to the reciever on my Kenwood TS-50. Not a clean signal but a fuzzy edge on all received signals. the interference grows as the AC load increases. It's not bad but rather irritating.

On Fri, 4 Aug 2000, Brian Kassel wrote:

> Ed and Gangue:
>
> I have found that almost all of the units that I have tested over the
> years generate objectionable noise. The one star performer is the RS
> 140 watt unit. It is the cleanest unit that I have found. The RS part
> number is: 22-132b. No exhaustive tests were performed, just normal
> field operation, with the antenna about 15 feet from the power source.
>
> Brian K7RE
> AZ ScQRPions
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 4 Aug 2000 11:06:55 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'aweiss@usd.edu'" <aweiss@usd.edu>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76579] RE: Lew McCoy
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C276@mail.arrl.org>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Ade offers:

> Doug DeMaw ... Lew McCoy ... the giants are falling... sad..

Yes, it always is, Ade, as will fall everyone of us.

But there are many in my mind that I see as the "giants" of today, giving of themselves to their fellows in ham radio as did DeMaw and McCoy.

As we lose people like Doug and Lew, that should serve to remind us that those whose time has not yet come must carry on the banner and go forth and do good things for their fellows in ham radio. As I look around, I see that happening today and know that it will be happening a thousand years from now with others who feel moved to share of themselves.

Every generation has seen its share of giants and I believe firmly that the force that moves people to give of themselves is timeless!

73,
Ed Hare, W1RFI

> -----Original Message-----

> From: aweiss@usd.edu [mailto:aweiss@usd.edu]

> Sent: Friday, August 04, 2000 3:46 AM

> To: Low Power Amateur Radio Discussion

> Subject: RE: Lew McCoy

>

>

> I'm very sorry to hear that Lew is a silent key. As Ed Hare's

> posting made clear,

> McCoy's work cast a shadow over a half a century of

> homebrewing. Newcomers

> will have difficulty imagining what an impact he had on

> enormous numbers of

> hams. He was great on anything related to antennas. Check out

> your antenna

> tuner circuit and Lew's transmatch design is probably inside

> in one variation

> or another. He was a friendly, non-egotistic, "will listen to
> anybody" type of guy.

> He was always ready to offer suggestions and information

> without letting the

> other guy know how stupid the question was in the first

> place. Great sense of humor.

>
> Doug DeMaw ... Lew McCoy ... the giants are falling... sad..
>
> 72, Ade
>

Date: Fri, 04 Aug 2000 11:15:15 -0700
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-1@Lehigh.EDU
Subject: [76580] Ideas for Dayton Building contest
Message-ID: <398B0833.F7062FA3@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How about an SMT design challenge or a Sierra sideband adapter challenge.

72,

Craig NR4E
Melbourne, FL

Date: Fri, 04 Aug 2000 11:23:54 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [76581] Re: Lew McCoy
Message-ID: <005901bffe28\$0124d040\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Ade offers:
>
> > Doug DeMaw ... Lew McCoy ... the giants are falling... sad..
>
> Yes, it always is, Ade, as will fall everyone of us.
>
> But there are many in my mind that I see as the "giants" of today, giving
of
> themselves to their fellows in ham radio as did DeMaw and McCoy.

"If I have seen farther, it is only because I have stood on the shoulders of

giants."

- Sir Isaac Newton

Ed, and all:

Looks like these giants gave us all a pretty hearty leg up - it's up to us to keep climbing!

Dave

Date: Fri, 04 Aug 2000 08:24:46 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [76582] NB6M 1-Watt SMK-1 Mod
Message-ID: <398AE03E.160FDAA1@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Friends,

I am gearing up to do the NB6M 1-Watt mod to my SMK-1 this weekend. Any feedback from those who have already done this would be welcome. And a public "Thank You" to Wayne for sharing his design with us.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Fri, 4 Aug 2000 11:29:42 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'dlh1009@ritvax.isc.rit.edu'" <dlh1009@ritvax.isc.rit.edu>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>
Subject: [76583] RE: Lew McCoy
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C27A@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Looks like these giants gave us all a pretty hearty

> leg up - it's up to us to keep climbing!

Well said, sir. That's exactly what DeMaw and McCoy and others did, building on the work of people that THEIR generation had decided were giants.

For some reason, this reminds me of something I once said to a very troubled young person. (Uh, oh... here comes another story...) She was having a very hard time with some very difficult issues in her life and I was trying to offer her a bit of encouragement. Having been through some rough times in my life and finally seeing daylight at the end of my own dark tunnel, I offered to her that she would ultimately manage to pull all the pieces back together. She cried even harder, bemoaning that it would take her the rest of her life to straighten the mess out. She stopped crying when I said to her, "That works out perfectly, because that is exactly how much time you have."

When it is over for each of us, we will have accomplished our life's work. Others will assuredly follow and continue the climb.

73,

Ed Hare, W1RFI

> -----Original Message-----

> From: David Hinerman [mailto:dlh1009@ritvax.isc.rit.edu]

> Sent: Friday, August 04, 2000 11:24 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Lew McCoy

>

>

> > Ade offers:

> >

> > > Doug DeMaw ... Lew McCoy ... the giants are falling... sad..

> >

> > Yes, it always is, Ade, as will fall everyone of us.

> >

> > But there are many in my mind that I see as the "giants" of

> today, giving

> of

> > themselves to their fellows in ham radio as did DeMaw and McCoy.

>

> "If I have seen farther, it is only because I have stood on

> the shoulders of

> giants."

>

- Sir Isaac Newton

>

> Ed, and all:

>

> Looks like these giants gave us all a pretty hearty leg up -

> it's up to us
> to keep climbing!
>
> Dave
>
>

Date: Fri, 4 Aug 2000 10:36:40 -0500
From: "Richard T. Perry" <perryrt@ikansas.com>
To: "Abacus Enterprises \((E-mail\)\" <abacusent@ptinet.net>, "Adage@Vianet. On. Ca
\((E-mail\)\" <adage@vianet.on.ca>, "Admin \((E-mail\)\" <admin@ebay.com>,
"Aernath@Hotmail. Com \((E-mail\)\" <aernath@hotmail.com>, "Aggie Lang \((E-
mail\) \((E-mail\)\" <aggie_ville1@hotmail.com>,
Subject: [76584] I'm moving
Message-ID: <000001bffe29\$cb519960\$0100007f@new>

You're getting this email because I value you and look forward to
corresponding with you in the future.

OK...you saw through me. You're getting this because you're in my address
book.

You may or may not care if I tell you I'm moving to a small tropical island
in the Pacific.
(check it out at www.planet-ed.net/kwaj)

You may or may not even remember me!

But.... if you do, I figure I should let you know that on Monday, I'm going
to be packing up
my computer and be out of touch for six to eight weeks. When I get out
there and get
established, you'll get a similar looking email telling you my new email
address. Until then,
I plan to keep this ikansas.com email, so I shouldn't lose anything you
send me (I hope.)

Thanks for your time!

Regards,

Richard T. Perry
perryrt@ikansas.com

Date: Thu, 3 Aug 2000 19:51:13 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [76585] Fox: Booming into C0
Message-ID: <3989CD31.22998.2E1CC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Dan has a huge signal into C0 this evening-- solid 5/8/9. Should be an easy one to grab if you haven't yet [g].

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 04 Aug 2000 12:18:10 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76586] FOX
Message-ID: <398AECC2.EF559698@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan was *really* down in the mud for the first hour and I had to struggle with QRM from South America, so I went down the band to work some DX for a while (the recently installed MQ-2 is working!). I then found him all alone at 0205 and fired a single shot.

Al, K2ZN

Date: Fri, 04 Aug 2000 10:21:21 -0600
From: Andrew Madsen <andrew@utahdesign.com>
To: qrp-1@Lehigh.EDU
Subject: [76587] Re: CW speed and plateaus
Message-ID: <398AED81.CE1D5129@utahdesign.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I think this comes from people simply turning the speed on their keyer down. To send Farnsworth code, you don't need to turn your keyer down, just put more space between characters and words. Don't think there is a Qcode for this. I guess we could find an unused Qcode and use it, but it would be hard to make it so everyone new it, unless it got listed in all ARRL pubs and such. I once saw a list of ALL the Qcodes from QAA to QZZ, but some Qcodes were not assigned. Don't know where that list is anymore. I'm sure someone else on the list does, though.

>While your speaking about CW speed, is there a q code to ask someone to

>farnsworth? I have learned the faster character but when you ask someone

>to QRS they slow everything down. If not why doesn't someone get

>together and think something up? Is there a QRF?

--

73,

Andrew Madsen AC7CF

ac7cf@qsl.net

<http://www.qsl.net/ac7cf>

AOL IM: ac7cf

FISTS nr. 7439 | QRP-L nr. 2180

FPQRP_71 | A.R.S nr. 738

SOC #376 | UARC | ARRL

Norcal | NOGAQRP | NJQRP

Date: Fri, 4 Aug 2000 12:24:23 EDT

From: K4NK@aol.com

To: qrp-l@lehigh.edu

Subject: [76588] Parts help needed

Message-ID: <c5.8071730.26bc4837@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Gang;

I need to buy a vol. control for an ICOM rig. Could any of you tell me where to call such an order in/credit card. I don't have the part number , will they cross it for me?

thanks Les K4NK

Date: Fri, 4 Aug 2000 09:31:17 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>
To: merryprankster@cwcom.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76589] Re: I am stayin put!
Message-ID: <20000804163117.239.qmail@web310.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I too am staying put.
Policing a list is a lot like taxing. It is a lot easier to tax things you don't have an interest in. Even The Creator had some ideas of how to police the list like removing fancy signatures. Frankly I enjoy this discussion just like I enjoyed the one on compendiums, super glue, putting subject categories in, and other flames. They all pass. In the mean time there is exceptional value found on this list nearly every day. I even learned not to open attachments here<G>

73

Jim kt4a

--- "Merryprankster@cwcom.net"
<merryprankster@cwcom.net> wrote:
> Well I am staying on the list!
> (Unless I get kicked off For this non topic post)
> Purely selfish, reasons.

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Fri, 04 Aug 2000 12:34:40 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: maddog@io.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [76590] Re: Please 'splain Fox-Hunting
Message-ID: <398AF0A0.94C7CD7@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Monty,

Here's how the QRP Foxhunts work.

One person is designated the "Fox", and he transmits within a certain frequency range at a certain time. Everyone else is a "Hound" and try to catch (work) the Fox. What makes it fun is that propagation, the location of the Fox, and weak signals all contribute to making it a "Hunt". In addition, once the Fox is located, there are usually several or many hounds trying to work him, so it can be similar to a DX pileup, for both the Fox and the Hounds. Since we are all QRP, however, we don't have to worry about some guy with a high power rig stepping on us, i.e., the playing field is pretty level.

The exchange is pretty simple, RST, SPC, Name and QRP-L number or Power, I think. You can tell by listening exactly what it is. Over the years the speed of the exchange has increased, but, I believe most Foxes will still answer the slower ops when they hear them. Early on, it was common for Foxes to report 25 or 30 contacts during a two hour period. Now, it seems that they break 100 every once in a while.

Someone on the list sort of runs the thing. He first asks for volunteers who would like to be Foxes. Then that group determines the times they will operate. As the time approaches, they announce it to the QRP-L group. Often there are prizes awarded for the best individual scores. At times, groups of guys will form teams, and someone will track the team scores.

One nice thing is that each of us can participate as much or as little as we like. It's great fun! Try it, you'll see.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Fri, 4 Aug 2000 12:51:31 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'klqrp@vramp.net'" <klqrp@vramp.net>, "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>, "'fpqrp@egroups.com'" <fpqrp@egroups.com>
Subject: [76591] SMiTe Fox - Early Notice
Message-ID: <698DB793D712D31180B600902746422DFB4969@exchange01.bnl.gov>
MIME-Version: 1.0

Content-Type: text/plain;
charset="windows-1252"

OK Gangs,

I will be the SMiTe Fox this Sunday Aug. 6 start at 9:00pm EDT - That's
0100 UTC - Monday (technically).

I will be running my SMiTe for both TX and RX so I hope to hear lots of yous
guys out there. You can use whatever rig you like. My SMiTe pushes out
about 350mW downhill. Should be fun!

I will be calling CQ de KF2P SM FOX

Good Luck!

72,

Sir Nick at Knight - kf2p . .
FP# 90 QRP-L# 13

--
Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2P
<mailto:nickf@bnl.gov> <http://www.rhichome.bnl.gov/People/franco>

Date: Fri, 4 Aug 2000 11:07:10 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [76592] Argo 509 Xmit Pwr upgrade
Message-ID: <Pine.LNX.4.10.10008041102130.1004-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang,

I have a Ten Tec Argonaut 509 and it has a pair of TRW
PT3647 tranistors in push-pull in the final. This gets about 2 watts
output. I want to up the power output to 5 watts.

Is there a tranisitor available in a package just like the PT3647
that with the drive available make 5 watts output?

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 4 Aug 2000 13:09:36 EDT
From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [76593] Still Here
Message-ID: <a1.8e2ec08.26bc52d0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

I'm still here and not planning to leave. I appreciated Cla's apology for acting too quickly, and I am going to try the private email route.

72

Wayne NB6M

Date: Fri, 4 Aug 2000 13:19:17 EDT
From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [76594] Still Here
Message-ID: <62.5fa12b4.26bc5515@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

I'm still here and not planning on leaving. I appreciated Cla's apology for acting too fast. I am going to try the private email route.

72

Wayne NB6M

Date: Fri, 04 Aug 2000 13:50:08 -0500

From: David Heintzleman <pstrdave@kdsi.net>
To: manager@astro.cc.lehigh.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76595] Re: Explanation and Apology
Message-ID: <398B1060.7F5E339B@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keep up the good work, i enjoy the list, i'm staying, it is a service provided in graciousness, the manager owes us nothing!!!!!! We are the beneficiaries of a great help.
Dave K8BBM

Manager QRP-L wrote:

>
> Gang,
>
> Now that the dust has settled, I'd like to take a moment to explain. I'm a
> human being, I reacted to quickly to the "Worm". In the past such postings
> have exploded into large OT threads and flame wars and I feared that was going
> to happen. I should have waited a bit, and by not doing so contributed to the
> problem I'd hoped to prevent, lesson learned. Still, had the individuals that
> immediately jumped on this in public sent me private email first, as I have
> requested in the past, and given me the benefit of the doubt this would not
> have happened. They too share the blame here. They would have also learned
> that I sent private email to the poster letting him know that he couldn't get
> a virus from the list. Apparently there are many more on the list that do not
> know this. I had thought it common knowledge as it's been mentioned on QRP-L
> many times before.
>
> The list software will not accept any messages with attachments or message
> formats other than plain text. This prevents any possible email virus from
> spreading via the list. Also, you can not be infected by an email virus
> unless you or your email program performs an action on an email, such as
> opening an attachment. You should check the settings of your email program as
> some programs will perform these actions automatically and by default.
>
> Posting of virus warning messages on QRP-L is off topic. If you are depending
> on this list for your virus alerts you are doing yourself a large disservice.
> The chances of the alert being more timely and accurate here would be very
> slim. Below is a link to a free email virus alert service:
>
> http://www.cert.org/contact_cert/certmaillist.html
>
> There are also newsgroups and email lists specific to this subject. A quick
> search at your favorite search engine will find many resources. Make sure
> your virus scanning software has the latest updates and be aware that your

> virus software can't protect you from new virus releases. The best protection
> is to simply not open any attachments unless you are sure they are safe AND
> you've scanned them first.

>

> As I've said before, I'm happy to discuss QRP-L Policy in private email. I'm
> open to suggestions, comments and ideas as long as they are polite and civil.
> The "Posting Guidelines/Rules FAQ" is not set in stone, it is a work in
> progress. However, the discussion of policy on the list is off topic. There
> are simply too many different opinions floated in too many messages to be
> productive on this list of 3000+ members. The debate that would occur would
> overpower the list. Past debates have proven this. Currently I've heard
> opinions that range from "we should let the list be completely free with no
> rules", to "the list should be fully moderated with all messages approved
> before posting". Clearly the common ground must be in the middle somewhere
> and that's what I'm trying and willing to find.

>

> As with all of life not everyone is going to be happy with how the list is
> run. It's simply not possible. Members need to realize this and understand
> this. They also need to follow the rules and when a problem erupts abide by
> the Manager's postings. If in your opinion the Manager is in the wrong, email
> him privately. It's just as possible that you may have misinterpreted the
> Managers meaning. Email is like that.

>

> Still, under no circumstances is it permitted to abuse or be insulting to
> anyone on the list or the Manager(s) of this list. This includes private
> email to members based on a post they make to QRP-L. More than once private
> messages have been sent calling someone dumb or worse for something they said
> or asked on QRP-L. This is not right, very rude and not acceptable. If you
> have a complaint about a posting or receive such private mail, email me
> privately.

>

> Most of the messages I usually get are questions on how to postpone, change
> ISP etc. All questions about how to use the commands of the listserver should
> be directed to me and not the list. All commands are sent to
> listserv@lehigh.edu not the list. Paul Valko has placed on his website a fine
> list of the QRP-L commands and explanations. They are located here:

>

> <http://www.acs.oakland.edu/~prvalko/qxplc.htm>

>

> As soon as we get the web pages up the above explanations and other
> information will be placed there for reference. Currently we are waiting on
> Jim to get some details on the server worked out. He is very busy, but hopes
> to have it done soon.

>

> All I can say for myself is I apologize for not handling this better, let's
> just say I got out of the wrong side of the bed the other day. It happens to
> all of us once in while. To those few that have emailed me privately and
> haven't yet received a reply, please accept this as your reply and thank you

> for you opinions and advise.
>
> Again, all comments about this message should be sent to
> manager@qrp.lehigh.edu and not the list.
>
> Thanks you and 73 de Cla KA0GKC Manager QRP-L

Date: Fri, 04 Aug 2000 11:47:42 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: "lujce@Lehigh.EDU" <lujce@Lehigh.EDU>
Cc: manager@astro.cc.lehigh.edu, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [76596] Re: Explanation and Apology
Message-ID: <398B0FCE.EC32E38A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

The Manager of QRP-L (Cla), wrote:

> Still, under no circumstances is it permitted to abuse or be insulting to
> anyone on the list or the Manager(s) of this list. This includes private
> email to members based on a post they make to QRP-L. More then once private
> messages have been sent calling someone dumb or worse for something they said
> or asked on QRP-L. This is not right, very rude and not acceptable. If you
> have a complaint about a posting or receive such private mail, email me
> privately.

It's one thing to moderate this list. It's another to moderate private e-mail. If I have a problem with someone's post, on any list, it is common practice and courtesy to "take it off list". What I send to someone in private is just that, private. It is not subject to moderation, censorship, or reprisals of any list owner/manager. Asking people to report to you problems with private e-mail is wrong, and quite possibly violates privacy rules.

> Again, all comments about this message should be sent to
> manager@qrp.lehigh.edu and not the list.

Normally, I have no problems with complying with this request. However, when a list manager tells me that my private e-mails are now subject to his approval/disapproval and reprisals, this needs to be brought to the attention of the list owner and members. I never called you or the list manager any names, but after reading this

paragraph, I can certainly see why some people get upset.

Thanks you and 73 de Norm/KQ6SD

Date: Fri, 04 Aug 2000 14:40:53 -0400
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-1@Lehigh.EDU
Subject: [76597] Fox
Message-ID: <398B0E35.5BBD@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bwwwaaaaaaahaaahaaahhaaaahhaaa hee hee chuckle chuckle chortle

Wow! What a blast! Boy! That was fun even if the conditions were about as bad as they could be and still be on the air. We have had storms here every day this week and still more to come. One came through just prior to the Fox run and took out my computer modem. Just finished installina a new one. That,s why the late posting. Sorry and my appologies to you all.

Just as soon as I jumped from my hole, I was attacked by, uggghhh, "Swamp Rats". Ole Mac and Tom were rabid, I think. Propagation was not good to anywhere from here. Lots of signals but everyone was, for the most part, way down from normal. Only one or two loud signals the whole time.

The first hour was not too bad but after that the signals all just disappeared. Looking at the log, only 10 contacts the last hour. 62 total contacts. Thought I was running the SMiTe during that time. hee hee..That's when it's really fun though. The harder it is to copy a weak signal, the more fun it is for me.

I am truly humbled. Thank you very much for letting me serve as the Fox. Already looking forward to the next one. Log will follow later today.

72..Dan (The Fox) Wolfe, N4ROA, in Gate City, Va.

Date: Fri, 04 Aug 2000 12:22:24 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: henmel@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [76598] Re: Explanation and Apology
Message-ID: <398B17F0.3A21958D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Norm Melick wrote:

>
> Jim,
>
> The Manager of QRP-L (Cla), wrote:
>
> > Still, under no circumstances is it permitted to abuse or be insulting to
> > anyone on the list or the Manager(s) of this list. This includes private
> > email to members based on a post they make to QRP-L. More then once private
> > messages have been sent calling someone dumb or worse for something they said
> > or asked on QRP-L. This is not right, very rude and not acceptable. If you
> > have a complaint about a posting or receive such private mail, email me
> > privately.
>
> It's one thing to moderate this list. It's another to moderate
> private e-mail. If I have a problem with someone's post, on any
> list, it is common practice and courtesy to "take it off list".
> What I send to someone in private is just that, private. It is not
> subject to moderation, censorship, or reprisals of any list
> owner/manager. Asking people to report to you problems with
> private e-mail is wrong, and quite possibly violates privacy rules.
>

Try as I can, I can find no reason to disagree with you, Norm. It would be interesting to hear Cla's logic on this .. logic which escapes me at this point.

Phil

Date: Fri, 4 Aug 2000 14:26:40 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@arrl.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [76599] RE: Explanation and Apology
Message-ID: <000001bffe49\$eab23b00\$2f3cc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The man apologized so let's drop it before it becomes another mud slinging, name calling thread.

72/73

Kevin, WB5RUE

Date: Fri, 4 Aug 2000 12:28:28 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [76600] Re: Please 'splain Fox-Hunting
Message-ID: <001501bffe4a\$56dfb640\$97dffc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Monty

There are certainly many reasons for participating in the Fox hunts. I've been a Fox and a Hound, and it's fun from both sides. After you gain some experience, I hope you can be a Fox. It's certainly an experience not to be forgotten.

For me the fun comes in part from catching the Fox and in part from hearing other friends trying to do the same. I enjoy antenna tinkering, and the hunt gives me a great opportunity to try it out. My current "Fox Hammer" antenna seems to be doing just that, knocking them flat.

The hunt is also a great chance to explore features of your radio that you might not normally use. I introduced another ham to the use of Split operation on his K2, and now he is having a ball, and catching Foxii.

The best advice we can offer is that you jump in and try it. WARNING, Fox hunting can be addictive. You've been warned !

73, Bob N6WG

Date: Fri, 4 Aug 2000 12:28:06 -0700 (PDT)
From: Doug Bankston <dougbankston1@yahoo.com>
To: cferris@aeronix.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76601] QRP Internet Webzine
Message-ID: <20000804192806.2305.qmail@web4305.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Howdy folks,

****Fellow QRP'ers, Please take moment of your time
to read this****

Just a quick note to let you know that starting
now, the Virginia QRP Society (W4VQS), is publishing
sort of an "on-line" magazine....

Believe me, it's not much yet, mainly because this
is our first month..... The graphics ain't too great,
and the writing styles not exactly professional,
but..... We are just having fun and want to share it
with you guys so don't laugh too hard when you see it.

So check out the page if you get the chance. It is
being updated QUITE OFTEN... We don't have a lot to
offer (YET).. So far we have the following monthly
columns/articles available for your reading enjoyment:

W4IM's Corner: (Trip Reports, occasional technical
article)....

AE4CU's Contest Corner: John is our contest manager,
and mails out the trophies etc....

Monthly non-scientific antenna articles by AE4CU. ..

W4IDW: Contributing an article or two each month on
various subjects.

The "DOUG DRUDGE" report: (updated at least every two
weeks, letting you know what's happening on the
various qrp club websites, saving you the trouble of
going to the "dead ones".... (this one might be a bit
controversial)...

We also maintain the links to the various on-line
Amateur Radio Related publications, and some cool
real-time propagation links, all in one place for you.
Some of these you may or may not know about yet...

Anyway, check it out when you get a chance, and as I
said b4, remember this is our first try at an on-line

publication, so be gentle with your
comments/suggestions..

Everyone on this e-mail reflector is welcome to
submit any articles/write-ups/pictures/interesting web
sites to us, we will post whatever you send us just as
you sent it...

Please support us by checking into the site
occasionally. The more hits we get, the more guys we
will get volunteering to submit articles. Thanks for
your time reading this and have a nice. day.

The website address is www.qsl.net/vqs , click on
"Barefoot Radio".....

Thanks for your time
W4VQS The Virginia QRP Society.....

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Thu, 3 Aug 2000 10:29:02 -0400
From: "Ed Nelson" <edxnelson@home.com>
To: <ae4ic@nr.infi.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76602] Re: Pocket ATU
Message-ID: <004901bffd57\$3b7ea1c0\$2c490b18@prntn1.nj.home.com>

I agree with Bob, Get as much wire as you can as high as you can and don't
worry about the length. I've used an old MFJ Wire Tuner with random length
of end fed wire (and often a very poor or no ground) for over 30 years with
good success (well over 200 countries, most SSB, and all at less than 5
watts). It doesn't work like a beam, but it's cheep, easy and fast to put
up, and it gets out.

Get as much wire as you can as high as you can, and tune it.
Ed W4EN

----- Original Message -----
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 01, 2000 10:01 AM
Subject: Re: Pocket ATU

> Neil,
>
> That's probably how long his piece of wire was. Most of us study the
> antenna design books in search of the ideal design. Eventually,
> though, we discover that if you're going to use a means of tuning the
> system, the actual length of the wire is not that critical.
>
> Given a choice, I always opt for more wire, higher in the air.
>
> I use a horizontal loop most of the time, and have to restring it
> every year or so due to storm damage, etc. It has been several
> lengths between about 400' and nearly 500'. It has always tuned all
> bands and worked well, regardless of the length, except 160M is easier
> to tune when the wire is longest.
>
> The same thing could be said in general about dipoles or end fed
> wires. That is, the more wire, the higher in the air, the better the
> performance. Tuning them on some bands may be more of a problem than
> on others, but, it can be done with good results.
>
> If building a single band antenna in a permanent location, by all
> means prune it to resonance and don't use a tuner at all. If you want
> to use an antenna on more than one band, and intend to tune it, why
> sweat the length? Put as much wire as you can in the air! (I realize
> that this **does** affect the radiation pattern. IMHO, this is not
> significant for general coverage)
>
> I agree with you about switching the caps in binary increments. Much
> simpler and more efficient use of parts.
>
> w0yse@juno.com wrote:
> > to resonance. The thing that puzzles me is why the 0.28 and not 0.25
wl.
> > Where did he get the 0.28wl??
> >
> > Instead of switching in all 100 pF caps, I might try and use a binary
> > system so that I can switch in more total capacitance. I would use
> > one-each of these values: 100, 200, 400, 800 pF. I could then select a
> > combination of switch positions that cover every 100 pF up to 1500 pF.
>
> --
> 73,
> Bob Kellogg, AE4IC, Greensboro, NC
> Prolobly, not nececelery. - Benny Hill
>
>

Date: Fri, 4 Aug 2000 13:49:42 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [76603] Re: Fox Hunt 9
Message-ID: <398AC9F6.2062.D97187@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Wily Ole' Fox Dan said--

>>I was attacked by, uggghhh,
"Swamp Rats". Ole Mac and Tom were rabid, I think.<<

Oh no. The Ratz have been nipping at our (Big Dawgs) heels
for so long we've been getting sloppy. Last night at least one of us slipped
and biit the dust. And now I have to tell him he's gonna have to get rabies
shots. Damn.

Nice job, Dan!

Incidentally, for those that are interested, there's a picture of Dan on the
web site at <http://www.cqc.org/sfox> , along with several of the other foxes.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 4 Aug 2000 13:49:28 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>, <elecraft@qth.net>
Subject: [76604] RFI: SSB Sprinting
Message-ID: <01ba01bffe4d\$2cdd49e0\$018511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, I'm going to give this Sunday's QRP-ARCI SSB Sprint a try. A least
a few hours if for no other reason just than just to try it and

support QRP-ARCI's efforts. It will be fun. But I suddenly realized I know zip about SSB contesting!!! Calling CQ, Working pile ups...etc. HELP. Can somebody give me a crash course in SSB contesting?

My setup will be K2 @ 10ish watts, attic dipole & Icom mic. ;-)

72/3 Rod, NØRC -- Fort Collins, CO --Now where'd I put my phonetic alphabet?--

Date: Fri, 4 Aug 2000 16:14:54 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: wb5rue@arrl.net
Cc: qrp-l@lehigh.edu
Subject: [76605] RE: Explanation and Apology
Message-ID: <v03110701b5b0d39cf7f1@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Kevin, WB5RUE, writes;

>The man apologized so let's drop it before it becomes another mud slinging,
>name calling thread.

Well said Kevin. It was a very admirable act on Cla's part.

Now let's all bury the hatchets and get back to having some qrp fun.

72,

Rick kf4ar

Date: Fri, 4 Aug 2000 14:25:32 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [76606] Which travel-friendly transceiver?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBCA1@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I would like to obtain a high-performance CW transceiver kit, in

board-only form

and install it in a trail and travel-friendly (TFR) chassis of my own choice, along with a Z-Match or other

ATU. This is easy, but I don't like the idea of paying for a case I will not use, or for a too-large or non-adaptable board.

It looks like Small Wonder Labs is the only one with a board-only kit.

If you are using a

SW PLUS (or other high performance TFR in your own chassis) I would like to hear from you.

72

Jay

W6CJ

Date: Fri, 4 Aug 2000 15:45:33 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [76607] Re: Which travel-friendly transceiver?

Message-ID: <Pine.LNX.4.10.10008041543070.1288-1000000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The Norcal 20 is a good 20 meter only cw rig. Put a 10 turn pot on the frequency like K5OI did on his and it tunes very smoothly and is fun to use. It runs 5 watts. I would get the expensive cabinet since it's pretty and rugged.

On Fri, 4 Aug 2000, Coote, Jay wrote:

> I would like to obtain a high-performance CW transceiver kit, in

> board-only form

> and install it in a trail and travel-friendly (TFR) chassis of my own

> choice, along with a Z-Match or other

> ATU. This is easy, but I don't like the idea of paying for a case I

> will not use, or for a too-large or non-adaptable board.

>

> It looks like Small Wonder Labs is the only one with a board-only kit.

> If you are using a

> SW PLUS (or other high performance TFR in your own chassis) I would like

> to hear from you.

>

> 72
> Jay
> W6CJ
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 4 Aug 2000 14:45:54 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [76608] Labelling Radio Chassis?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51BCA2@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I am looking for ways to label homebrew project chassis
"professionally".
Are there light-colored (white or yellow) transfer letters that can be
used
over a dark-colored flat or gloss painted chassis? How can I protect
these
against being scraped or rubbed off in the field?

72,
Jay
W6CJ

Date: Fri, 4 Aug 2000 18:02:37 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n4roa@mounet.com" <n4roa@mounet.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [76609] Fox
Message-ID: <200008041802_MC2-AEB0-59C1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1

Content-Disposition: inline

Dan:

Well the hunt last evening startted out with such a big BANG that I was certain you would approach or even go *over* the 100 mark. But as so oft= en has happened, after the first hour the band changes and the QSO rate fall= s off dramatically. Seems to have happened to absolutely every hunt thus far. Nuts. But at least we are all sort of in the same boat.

Thanks for the pelt last evening. You had a very nice signal at my place= . =

Interestingly, I bagged you on the 540' horizontal loop up 33', for a change. Been using the new IAC Double Bazooka for the last few hunts, wi= th good results. Last evening I was switching among the loop, the bazooka, and a GAP Titan Vertical up 9'. You were markedly louder on the horizont= al loop. Setup was the K2 at 1.9 watts.

Thanks again for being Da FOX and GL throughout the remainder of the Summ= er FOX hunting season.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

Date: Fri, 4 Aug 2000 15:07:50 -0700 (PDT)

From: Jim NOUR <n0ur@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [76610] FOX Alert: NOUR Sunday afternoon

Message-ID: <20000804220750.2962.qmail@web209.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Did you know that the coat of a Minnesota fox is much thicker and longer than that fox from a warmer climate? A very sought after pelt. Come and check him out this

Sunday afternoon. Make it a full QRP afternoon, work the "fox," then slide up the band and try your hand in the QRP SSB Sprint, both start at 2000Z. (Work the fox first)

We also dig our dens a little deeper, so I plan on starting down low between 14.055 and 14.050, depending on QRM. If no room down there, go back up around 14.060. You know the plan, spread out, listen.

Please get on and work me, I'm getting to use being one of the "bridesmaids". Open a tall cool one, get on and have some fun! That's what I'm going to do.

72's es GL!
Jim (NOUR MN JIM #799).....write that down

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Fri, 4 Aug 2000 16:42:14 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [76611] FOX: QSO Patterns
Message-ID: <398AF266.5620.1776B99@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Swamp Rat Doc said--

>>...after the first hour the band changes and the QSO rate falls off dramatically. Sems to have happened to absolutely every hunt thus far. Nuts. But at least we are all sort of in the same boat.<<

I'd agree on the boat part, but I don't think the band is changing on the hour. I think the big signals tend to get worked first, then the medium signals, so most everybody has been dealt with within the first hour and there are only a few stragglers left to pick off. It's funny really-- it would all be a lot easier if the hounds spread it out over the two hours, but speaking as a hound I know you can't. If you can hear the fox at the start you have to try to work him because maybe you won't be able to hear him later.

The difference between this and the winter hunts (which had about the same

number of hunters, I think) is that there are areas which are simply not going to hear the fox, period. If you CAN hear the fox, it is quite likely that he is going to fade in and out several times during the hunt.

The propagation characteristics of 20 were a real worry for us when we were organizing the hunt. It was exactly that uncertainty that led us to have each fox do two runs, one on Thursday evening and one on Sunday afternoon. The theory is that if you have a bad run, you might be able to make up for it with the other one (we have a couple foxes who are still counting on just that! [g]).

The interesting thing to me is that the fox tallies have been pretty consistent, with a variation of only 23 QSO's between the lowest and highest scores for a run, with 169 different hounds bagging at least one pelt and with ten or twelve still batting 1000. My own place in the latter category was due, I was convinced, to an accident of geography. My antenna situation is somewhat less than optimum (or at least I thought so) being a GAP Titan vertical and a 40M doublet (which in fact I have not yet used for a summer fox). The other hounds in the 8/8 class are scattered all over the country, and one of them has bagged every fox from his car!

So as a propagation study (one of the avowed purposes) the Summer Fox Hunt is interesting, but I'm not entirely sure what it is telling us.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

End of QRP-L Digest 1903

